

DAFTAR PUSTAKA

Anonymous, http://www.elektroindonesia.com/elektro/elek_10.html

Anonymous, <http://www.kompas.com/kompascetak/0208/23/iptek/hidu41.htm>.

Anonymous, <http://www.wikipedia.org>

Anonymous (teubraw @mlg mega.net.id), Elektro Indonesia, (Edisi ke sebelas, Januari 1998), *Pembuatan Konduktor Film Tebal*, Jurusan Teknik Elektro : Fakultas Teknik Universitas Brawijaya.

Barsoum, Michel., (1997). "Fundamentals of Ceramics", McGraw-Hill.

Cheng, X.L., Zhao, H., Huo, L.H., Gao, S., Zhao, J.G., "ZnO nanoparticles thin film:preparation, characterization and gas-sensing property", Sensors and Actuators B 102 (2004) 248-252.

Ediati, Ratna., dkk. *Kimia Untuk Sekolah Menengah Umum Kejuruan*. Jilid 2. Jakarta : Direktorat Pembinaan Sekolah Menengah Kejuruan, Direktorat Jenderal Manajemen Pendidikan Dasar dan Menengah, Departemen Pendidikan Nasional. 2008.

Gustaman Syarif, Dani., (2007). "Fabrication of Thick Film Ceramics for NTC Thermistor Using Fe_2O_3 Derived from Mineral", Proceedings of the ICICI 2007, Bandung.

Gustaman Syarif, Dani., D. S, Guntur., Yamin, M., " Pembuatan Keramik Termistor NTC Berbahan Dasar Mineral Yarosit dan Evaluasi Karakteristiknya", Jurnal Prosiding, Seminar Nasional Sains dan Teknik Nuklir, Bandung 14-15 Juni 2005.

Gustaman Syarif, Dani., Henny, Suhandi, Andi, "Studi Aplikasi Keramik ZnBiCo Sebagai Termistor NTC", Jurnal Mesin, No. 39/Dikt/Kep/2004.

Kittel, C. (1976). “*Introduction to Solid State Physics*” (5 th Ed) John Wiley and Sons.

Kuswandi, Ajid. (2006). *Pengaruh Variasi Konsentrasi Oksida Co Terhadap Sifat Magnet Keramik $Co_xFe_{3-x}O_4$ Dari Bahan Mineral*. Skripsi pada FPMIPA UPI Bandung : tidak diterbitkan.

Kools, F. (2003). *Science and Technology of Ferrite Magnets; Modelling of Coercivity and Grain Growth Inhibition*. Universiteit Eindhoven.

Lou, Xiangdong., Liu, Shuping., Shi, Dongyang., Chu, Wenfei., “*Ethanol-sensing characteristics of $CdFe_2O_4$ sensor prepared by solgel method*”, Materials Chemistry and Physics 105(2007)67-70.

Misra, Sunita., Ganshyam, C., Ram, Nathai., Singh, Satinder., bajpai, R.P., Bedi, R.K., “*Alcohol sensing of tin thin film prepared by sol-gel process*”, Bull. Mater. Sci., 25 (2002) 231-234.

Reungchaiwat, Amnat., Wongchanapiboon, Teerapol., Liawruangrath, Saisunee., Panichpant, Sukon., *Home-made detection device for a mixture of ethanol and acetone*, Sensors 7(2007)202.

Rezlescu, E., Iftimie, N., Popa, P.D., Rezlescu, N., “*Porous nickel ferrite for semiconducting gas sensor*”, J of Physics:Conference series 15(2005)51.

Smith, William F., (1990). ”*Principle Of Materials Science and Engineering*”. Edisi Kedua. McGraw – Hill Publishing Company.

Sugiarto, K (2000). *Common Textbook Kimia Anorganik II*. Edisi Revisi. Jurusan Kimia. FMIPA UNY. Yogyakarta : IMSTEP.

Van Vlack, Lawrence H., (1991). (Alih Bahasa Ir. Sriati Djaprie, M. E., M. Met). “*Ilmu dan Teknologi Bahan*”. Edisi kelima. Erlangga : Jakarta.

Xiangfeng, Chu., Dongli, Jiang., Yu, Guo., Chenmou, Zheng., “*Ethanol gas sensor based on $CoFe_2O_4$ nano-crystallines prepared by hydrothermal method*”, Sensors and Actuators B 120(2006)177-181.

Yuliarto, Brian. (Mahasiswa S3 di bidang Material Science, University of Tokyo, Jepang) , “*Teknologi Sensor Kimia Dari Elektrolit Padat Sampai Nano*”, Dimensi vol. 6 no. 2 edisi Januari 2005 Warta Sains dan Teknologi ISTECS-Japan. ISSN 1344-0748.

Zhang, Guoying., Li, Chunsheng., Cheng, Fangyi., Cheng, Jun., “*ZnFe₂O₄ tubes:synthesis and application to gas sensors with high sensitivity and low-energy consumption*”, Sensors and Actuators B 120(2007)403.

